

- For a ship navigated international voyage, this checklist should be confirmed at any time at least every 2 month.
- **Master's notification of any accident or defects (including the repair works by the crew on board) to the company (for notification to the Admin. & Flag with the maintenance plan provided.), PSC Authority(including local agent and KR at the earliest opportunity is to be made, and the company's action for rectification at the port is to be ready.**
- The Captain should hold the photo(s) and movie(if necessary) in trust.
-  : The photo(s) for each item as mandatory •  : Test hammering
- Effective date : **01 June 2018**
- • Results# - "X" : Found in satisfactory "D" : Deficiency found and completely repaired  
 "-": Not applicable

1	ISPS Check		Results#
	Item	Checking Point (Test Method)	
1.1	Security level display	①Display Security level near Gangway	
1.2	Gangway watch	①Continuous strict gangway watch	
1.3	Visit Log	①Identification of visitors' photo ID and visit log maintained, etc	
1.4	Control of restricted areas	①Restricted areas controlled in accordance with levels set by SSP ②Restriction of access to prohibited areas(with the entrances sealed and/or proper measures taken, <b>sealing or pad lock</b> )	
2	Meeting Room		Results#
	Item	Checking Point (Test Method)	
2.1	Certificates	①Validity, Contents	
2.2	Stability booklet, grain loading manual	①Original copy on board	
2.3	Survey report file(ESP only)	①KR Report(TS, EH) ②TM report ③Survey Programme(Until completion)	
2.4	SOPEP	①Updated list of national operational contact list ②Flag Approval	
2.5	Oil record book/Garbage record book	①Accurate entries(Especially, Comparison with Sound Log Book and Oil record book) ②Incinerated residue q'ty (to shore/on board) ③ <b>Bilge q'ty</b>	
2.6	Garbage management plan	①To be on board	
2.7	Rest Hours of Crew	①Minimum rest hours properly provided to crews(especially when ship arrival/departure procedures, transit of narrow channels, crews' education/training and bunker oil receiving operations	
2.8	MLC related matters	①Confirmation that Seafarers' employment agreements are properly applied(full payment of wages and Medical care provided) ② <b>Confirmation that procedure of complaint is onboard and provided to seafarers</b>	
2.9	Cargo information	①Verified Cargo Weight evidences are onboard(especially, container ships) <b>and/or MSDS and/or Cargo Information</b>	
2.10	<b>PSC report</b>	① <b>Confirm the result of PSC deficiencies imposed after last class periodical survey</b>	
3	Bridge		Results#
	Item	Checking Point (Test Method)	
3.1	Chart & Notice to mariner	① <b>Charts</b> ②Latest edition & small correction	
3.2	Publication	①Lights list ②Tide table ③Sail. Dir. ④ <b>Latest edition &amp; Small corr.</b> ⑤IAMSAR Manu.	
3.3	Deck log book/ <b>Training Record</b>	①Drill records (Abandon ship/Fire drill- <b>1M</b> , Lifeboat launching- <b>3M</b> , Em'cy steering drill- <b>3M</b> , Entering to enclosed spaces- <b>2M</b> , etc.) ② <b>Confirmation that drill details in deck log book is in accord with training records files</b>	
3.4.1	Lifejacket	①Lighting ②Marking ③Outward Condition ④Approval by FS	
3.4.2	<b>Immersion suit</b>	① <b>Condition (glue/zipper/sewing parts, detached or stucked, etc)</b>	
3.5	Standard magnetic compass	①Lighting ②No bubble ③Deviation table	

3.6	VHF, MF/HF radio	①BQ/RQ test in Em'cy/Reserve of power & report <input type="checkbox"/> <input type="checkbox"/> ②Familiarization	
3.7	EPIRB	①Test Report ②Valid date of HRU ③Location	
3.8	AIS, Echo Sounder,(S)VDR	①Working in order	
3.9	Water Ingress System(if installed)	①Working ②Remote control V/V working ③Indicator	
3.10	Daylight signal lamp	①Operation by em'cy power ②Operation at both ship sides ③Portable battery and at least 3 spare illuminants(Keel laid on or after 2002. 7. 1)	
3.11	Fire alarm & fire detection system	①Working ②By em'cy power ③Alarm in 2 min. ④MCP's Distance ⑤Check for control fault alarm cleared ⑥Detector's distance ⑦Test	
3.12	Navigation light panel	①Alarm test ②Pilot Lamp ③By em'cy power	
3.13	Emergency lighting	①Functioning ②No damage	
3.14	ECDIS	①Operation test ② Identify as the Critical Equipment on the SMS manual & maintain periodical check ③Familiarization of Deck Officers & Maintain the training and education records ④Version checking of ENC's ⑤Operation under both main and emergency source of power, etc.	
3.15	Watch keeping schedules(for ship underway or at port)/Muster list	①Watch keeping schedules(procedures) and muster list are established and posted on the bridge ②The number of personnel on board is considered in such lists.	
3.16	Deck officers familiarization with navigation equipment	①Familiarization of Deck Officers with navigational equipment's operating and maintenance	
4	<b>Wing Bridge</b>		Results#
	Item	Checking Point (Test Method)	
4.1	Quick release Life-buoy	①Quick Release ②Self-igniting light ③Expiration date	
4.2	Navigational light	①Matt Black Paint ②Required angles ③No damage	
5	<b>Outside of Accommodation</b>		Results#
	Item	Checking Point (Test Method)	
5.1	Battery room	①Reserve condi. for GMDSS ②Recharging <input type="checkbox"/> <input type="checkbox"/> ③Connecting cable ④Explosion-proof lamp	
5.2	Em'cy generator room	①Functioning ②Gauges <input type="checkbox"/> <input type="checkbox"/> ③Isolate valve from Fuel ④Fuel q'ty (To be operated for 18 hours) ⑤Blackout test(test mode) ACB testing <input type="checkbox"/> <input type="checkbox"/>	
5.3	E/R ventilator & E/R funnel damper	①Damper moving/corrosion ②Maintenance considering manufacturer's gap standard (ref.: abt. 3~4mm on the basis of new production) ③ Visual check the flap (especially calling AUS ports) ④No Leakage from Control air line	
6	<b>Survival Craft &amp; Launching arrangements</b>		Results#
	Item	Checking Point (Test Method)	
6.1	<u>Inflatable liferaft</u>	①HRU ②Movable(if applicable) ③Weak Link ④One HRU per each liferaft(Keel laid on or after 1998. 7. 1) ⑤Any obstruction above	
6.2	<u>Annual thorough exam. by technician</u>	①Report without recommendation ②KR Checklist made by technician(On or after 2009. 11. 1)	
6.3	Access route to survival craft	①No obstacle on the way	
6.4	Lifeboat's hull & marking & painting	①Hole/crack ②Marking ③Hull condition(Skate Pender, Bilge keel)	
6.5.1	Davit (lifeboat, rescue boat)	①Excessive corrosion <input type="checkbox"/> ②Limit Switch ③Greasing for moving part	
6.5.2	Davit (Davit-launched liferaft)-if fitted	①Excessive corrosion <input type="checkbox"/> ②Limit Switch ③Greasing for moving part ④By 2 <sup>nd</sup> means power (Accumulator, davit arm rotating angle for combined type)	
6.6	Sheave	①Working ②Hole/excessive corrosion <input type="checkbox"/>	
6.7	Winch & foundation	①Lower Bkts, Bolt/Nut <input type="checkbox"/> ②Fall renew(Every 5 yr) ③Winch Brake	

6.8	Engine	<p>①Repair if not started immediately</p> <p>②Running(3 min.) &amp; Propulsion(FWD/AFT, full speed)</p> <p>③F.O level &amp; Tk ④Battery recharged(if required)</p> <p>⑤Two independent engine starting system</p> <p>⑥Cooling water circulation (in case of outboard engine)</p>	
6.9	Open type - Lifting hook assembly	①Lifting Hook Assembly (Bracket, removing inventory)	
6.10	Enclosed type (Freefall type 포함)	①Working ②Correct re-setting  according to manufacturer's standard ③Stowage of lifeboat ④Bottom plug	
6.11	Equipment	①Fire extinguisher ②Validity & Q'ty ③Wooden seat rotten ④Safety belt color	
6.12	Lifeboat lowering	①Drill Test ②Remote lowering ③Brake ④Water-spray(if req.) ⑤Check for emergency lowering condition of Rescue boat	
6.13	Winch & Motor	①No oil / air leakage from winches and motors	
6.14	Drill-Fire, abandon ship (Mandatory)	①Crew familiarity ②Instruction displayed ③Refer to the Fire Fighting/Abandon Ship Drill Checklist provided by KR	
6.15.1	Major checking point during Fire Drill: ①The founder's reporting to the control station(bridge) and initial fire extinguishing in small fire only ②Communication between the fire location and the control station(bridge) ③Confirmation of the name of the crew wearing fireman's outfit, the pressure for air bottle of BA and the time conducted by the officer at the fire site ④Duty of the rescue team and the way of carrying the casualty ⑤Commander's ability at the fire location		
6.15.2	Major checking point during Abandon Ship Drill: ①Launch of the survival craft within required time period * preparation for embarking and launching by 2 crews in less than 5 min. (SOLAS III/13.1.3) * Cargo ship : 10 min. for lifeboats and davit-launched liferafts (SOLAS III/31.1.5) * Passenger ship : 30 min. for lifeboats and davit-launched liferafts (SOLAS III/21.1.4) ②Personal belongings for each crew ③Familiarization of the assigned duty for each crew ④Familiarization of the survival craft launching procedure (Commander, Substitute for commander and Bos'n)		
7	<b>Inside of Accommodation</b>		Results#
	Item	Checking Point (Test Method)	
7.1	Door with self-closing device	①No holding Back ②Working	
7.2	Insulation	①No missing/ omission ②No breakaway	
7.3	Fixed extinguisher system-CO <sub>2</sub> (Rm)	①Bottle contents(In case of Low press. Type, also chiller) ②Hydro Test date ③Crew familiarity ④Insulation ⑤Safety pin location according to manufacturer's standard ⑥Remote Control Line ⑦Flexible Connecting hose	
7.4	Fire detector	①Detector test ②Audible/Visible alarm ③Confirm number of detector	
7.5	Isolating valve	①Location ②Moving part ③Marking	
7.6	Fireman's outfits	①Separate Stowage ②Bottle pressurized date & contents(incl. spare) ③Working ④Belongings ⑤Emergency lights ⑥Familiarization with wearing Fireman's outfits ⑦Visual condition	
7.7	MLC-related matters	①Clean and hygienic bedding, adequate artificial light, hot and cold running water, suitable and sufficient toilet provisions, and showers, etd in proper condition.	
8	<b>Main Deck &amp; Cargo Hold(Bulk Carrier and General Dry Cargo Ship)</b>		Results#
	Item	Checking Point (Test Method)	
8.1	International shore connection	①Retaining with required items	
8.2	Ventilator	①Damper Damper moving/corrosion ②Coaming  ③Vent Cover ** Especially, checking the condition of all fire dampers & ventilators of Ro-Ro ship's cargo holds	
8.3	Air pipe	①Coaming(trace of leaking)  ②Floating Ball in Head ③Height	
8.4	Fire main line / Foam line / IGS line	①Hole/trace of leaking ②Corrosion  ③Valve moving ④Patching	
8.5	Foam monitors & valves(if installed)	①Moving Part working ②Water spray test	
8.6	Main deck	①Corrosion/hole  ②No crack ③Paint condition	

8.7	Small hatch	①Weathertightness ②Closing Device ③Corrosion/hole <input checked="" type="checkbox"/>	
8.8	Hatch cover	①Corrosion/hole <input checked="" type="checkbox"/> ②Packing ③Weathertightness(Hose Test)	
8.9	Hatch coaming, stay, stiffener	①Corrosion/hole <input checked="" type="checkbox"/> ②Crack	
8.10	Bulwark and handrail	①Corrosion/hole <input checked="" type="checkbox"/> ②Crack	
8.11	Cleats for hatch cover	①Corrosion/hole <input checked="" type="checkbox"/> ②Socket corrosion ③Clearance(Auto type)	
8.12	Fixed CO2 gas pipeline	①Corrosion/hole <input checked="" type="checkbox"/> ②Crack	
8.13	Cargo holds – Overall survey	①Corrosion/hole(especially under the cross deck) ②Leakage ③Repair by crew(Rewelding or Double plates) ④Conner plate	
9	<b>Forecastle deck</b>		Results#
	Item	Checking Point (Test Method)	
9.1	Ventilator	①Damper moving/corrosion ②Coaming <input checked="" type="checkbox"/> ③Vent Cover <input checked="" type="checkbox"/>	
9.2	Air pipe	①Coaming(trace of leaking) <input checked="" type="checkbox"/> ②Floating Ball in Head ③Height	
9.3	Small Hatch	①Weathertight ②Closing Device ③Corrosion/hole <input checked="" type="checkbox"/> ④Packing	
9.4	Navigational lights	①Required angle ②No damage	
9.5	Bed plate of windlass/Winch	①Bed plate(Corrosion/hole) <input checked="" type="checkbox"/> ②Brake pad ③Drum condition	
9.6	Dewatering System (if installed)	①Remote control V/V working ②Sensor working	
10	<b>Bosun Store</b>		Results#
	Item	Checking Point (Test Method)	
10.1	Anchor Pipe and Air pipe for F.P.T	①Corrosion/hole(trace of leaking) <input checked="" type="checkbox"/>	
10.2	Chain Locker wall	①Corrosion/hole <input checked="" type="checkbox"/>	
10.3	F'cle deck/ Weather tight door/Wall	①No penetrating light from outside Bosun store ②Corrosion/hole <input checked="" type="checkbox"/>	
10.4.1	Life Jackets	①Lighting ②Ship name/Port of Reg. ③Condition ④Approval by FS	
10.4.2	Immersion suit	①Condition (glue/zipper/sewing parts, detached or sticked, etc)	
11	<b>Poop Deck</b>		Results#
	Item	Checking Point (Test Method)	
11.1	Navigational lights(Incl. Anchor Light)	①Required angle ②No damage	
11.2	Air pipe	①Coaming(trace of leaking) <input checked="" type="checkbox"/> ②Floating Ball in Head ③Height	
11.3	Small Hatch	①Weathertight ②Closing Device ③Corrosion/hole <input checked="" type="checkbox"/> ④Packing	
12	<b>Steering gear room &amp; Em'cy fire pump room</b>		Results#
	Item	Checking Point (Test Method)	
12.1	Em'cy lighting	①Operating Test ②No damage	
12.2	Steering Gear	①Oil leakage ②L.O tank & alarm for Hyd. pump ③Em'cy steering	
12.3	Em'cy fire pump	①Starting(several time if possible, Instructing the caution of low draft starting. Self ejecting function incl. vacuum pump, check for any leakage) ②Suction pressure ③Two jets of water(Fore/Bridge) <input checked="" type="checkbox"/> ④Protection of suction or discharge piping penetrating E/R ⑤Overhauling the exhaust pipe if necessary	
13	<b>Engine Room</b>		Results#
	Item	Checking Point (Test Method)	
13.1	Fire detector	①Detector Test ②Audible/Visible alarm	
13.2	Portable fire extinguisher	①Contents replacing date ②Working test(Sampling) ③Hydro test date	
13.3	Emergency escape trunk	①Insulation condition <input checked="" type="checkbox"/> ②Self closing fire door ③Em'cy lighting ④Installation for GT 1000 and above(Keel laid on or after 1984. 9. 1)	
13.4	Emergency lighting	①Working Test ②No damage	
13.5	Quick Closing / Shut-off valve	①Working condition ②Any paralyzing by the bolt and Wood wedge	

13.6	Insulation, Ragging	①No missing ② No breakaway/omission ③Hot space insulation (Insulation : High Temp. Fuel pipes and fitting connections, and steam pipes) ④Permanent Repair and/or replacement required for the temporarily repaired areas(including cemented pipes and/or fitting connections)	
13.7	Jacketed pipe for high pressure fuel	①No missing part ②Drain box alarm	
13.8	Oil filtering equipment	①15ppm alarm ②Auto-stop ③Outlet pipe inside (Cleaning inside) ④Filter & Inner condition ⑤Use maker's filter & spare filter ⑥Crew's familiarity for equipment(operating and alarm test) ⑦Close the discharge valve ⑧Shore connection(flange size) ⑨Operation Manual posting <b>⑩Removal of any manual valve on the sampling line</b>	
13.9	Direct line for discharging oily bilge	①To be removed if installed	
13.10	E/Room floor(Cleanliness)	①Bilge Q'ty ②To be delivered to offshore if excessive ③Oil/water leakage of Main/Aux. machineries ④ No residual and oily rags ⑤ No oil leaks from outer surface of welded fuel oil tanks(pin hole)	
13.11	Sewage equipment	①Level alarm ②Pump operation ③ Crew's familiarity for equipment (operating and alarm test) ④Air diffuser & circulation line ⑤Confirmation of calculation sheet on Sewage discharge ratio ⑥Shore connection(flange size) <b>⑦Internal corrosion</b>	
13.12	Watch keeping schedules(for ship underway or at port)	①Watch keeping schedules established and posted	
13.13	Familiarization with engine room machinery	①Familiarization with Engine Room Machinery(operations, maintenances, and any relevant record)	
13.14	<b>Fixed local fire fighting system</b>	<b>①Motor &amp; valve operation ②Self-inspection record ③familiarization ④Confirm no blind sector(Obstruction)</b>	
13.15	<b>Alarms</b>	<b>①F.O leakage alarm(M/E,G/E) ②M/E oil mist alarm (if fitted) ③Bilge well level alarm, etc</b>	
14	<b>Other Space</b>		Results#
	Item	Checking Point (Test Method)	
14.1	Paint store	①Fire extinguisher ( <b>in case of fixed spray system, check operation valve and nozzle</b> ) ②Explosion-proof light ③Ventilator ④Paint in designated area	
15	<b>Remark</b>		
	① Confirm the Ship Officers' familiarization with maintenance procedure for safety equipment		
	② Ship crew's familiarization with the Company's Guidance for PSC detention prevention.		
	③Verification of SMS Manual for SPC Inspection		
④Careful consideration of KR PSC-pre inspection for U.S. and Europe-bound vessels (especially for Korean-flagged ships)			

➤ During docking, when the deck is in poor condition, the Sand blasting should be done before survey.